

RJP:cms July 21, 2004 293039.doc

PATENT

Attorney Ref. No. 4810-62169-01/RJP

Amendments to the Specification:

Please replace the section entitled SUMMARY OF THE INVENTION, starting at page 3, line 3, and ending at page 4, line 11 of the description with the following section:

– SUMMARY OF THE INVENTION

In one aspect, the present invention provides a conjugate comprising a support material and an oligomer or polymer of a saccharide, wherein the oligomer or polymer is linked to said support material via one or more ether, carbamate, ester, or ~~imine~~amino linkages between the saccharide and the support material, and wherein the saccharide is fully functionalized.

In a further aspect, the present invention provides a process for preparing a conjugate of a support material and an oligomer or polymer of a saccharide, the process comprising reacting the support material with an oligomer or polymer of a saccharide reactant bearing one or more pendant electrophilic moieties or nucleophilic moieties, wherein the electrophilic moieties or nucleophilic moieties are linked to said saccharide via one or more ether, carbamate, ester, or ~~imine~~amino linkages, and the support material has groups that are reactive with said electrophilic moieties or said nucleophilic moieties, and wherein the saccharide reactant is fully functionalized.

In another aspect, the present invention provides an oligomer or polymer of a saccharide bearing one or more pendant electrophilic moieties or nucleophilic moieties, wherein the electrophilic moieties or nucleophilic moieties are linked to said saccharide via one or more ether, carbamate, ester, or ~~imine~~amino linkages, and wherein the saccharide is fully functionalized.

In a further aspect, the present invention provides a chromatographic process comprising separating compounds using, as a stationary phase, in, for example, an enantiomeric separation or enantiomeric analysis, a conjugate which comprises a support material linked to oligomers or polymers of a saccharide, preferably a cyclodextrin, which linking is via one or more ether, carbamate, ester, or ~~imine~~amino linkages between the saccharide and the support material, and wherein the saccharide is fully functionalized.

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Particularly but not exclusively, conjugates of the invention are useful in high performance liquid chromatography (HPLC), liquid chromatography (LC), gas chromatography (GC), capillary electro-chromatography (CEC), super-critical liquid chromatography and counter-current chromatography. --

Please replace the paragraph starting at page 10, line 8, and ending at page 10, line 14 of the description, with the following paragraph:

-- As an example, reaction of a compound of formula (IV), where Z is NH_2 , with the glucose units of β -cyclodextrin some of whose primary hydroxyl groups have been converted to tosylate groups will result in the formation of a β -cyclodextrin having alkenyl moieties attached to the carbon atoms that previously bore tosylate groups. The attachment will be by ~~imine~~amino linkages. --